
Overview

This standard covers the competences you need to dispose of explosive substances and/or articles by non-complex mechanical breakdown procedures in accordance with approved procedures and practices.

You will be required to demonstrate that you can ensure that you, and those under your control, carry out the disposal procedure and the plan correctly, checking that all preparatory work and all safety precautions have been carried out in accordance with approved procedures.

This activity is likely to be undertaken by someone whose work role involves Weapons, Ordnance, Munitions or Explosives work activities. This includes people working as disposal supervisors.

Performance criteria

- You must be able to:*
- P1 work safely at all times, complying with health and safety, environmental and other relevant regulations, legislation and guidelines
 - P2 ensure that you and those under your control carry out the disposal procedure and the plan correctly
 - P3 check that all preparatory work and all safety precautions have been carried out
 - P4 ensure that any stored energy or substances are released safely and correctly
 - P5 remove the required explosive substances and/or articles, using approved tools and techniques. in accordance with procedures
 - P6 take suitable precautions to prevent damage to components, tools and equipment during removal
 - P7 segregate and dispose of the process residues and products in accordance with approved procedures
 - P8 maintain documentation and control components in accordance with organizational procedures

Knowledge and understanding

- You need to know and understand:*
- K1 the health, safety and environmental and other statutory legislation, regulations, safe working practices and procedures governing explosives and their implications for your area of work
 - K2 the relevance of personal protective equipment (PPE)
 - K3 the nature, characteristics, hazards and risks of the explosive substances and/or articles to be broken down
 - K4 the actions to be taken in response to an unplanned event
 - K5 the disposal procedure, and the plan
 - K6 the safety constraints of mechanical breakdown
 - K7 relevant and alternative breakdown techniques and procedures
 - K8 types of breakdown equipment and their application, capabilities and limitations
 - K9 procedures for calibration and authorization of equipment
 - K10 special designated responsibilities
 - K11 environmental controls relating to breakdown
 - K12 the reporting documentation to be used
 - K13 the customer's objectives and needs
 - K14 how to consign residues and other products for disposal
 - K15 the competences of the personnel involved
 - K16 reporting lines and procedures
 - K17 how to communicate clear instructions
 - K18 your own level of authority and of those with whom you work

Scope/range

1. Level and extent of responsibility: completing non-complex tasks yourself; supervising other competent personnel engaged in completing non-complex tasks
2. Types of components: explosive; other hazardous components

Developed by	Cogent
Version Number	2
Date Approved	November 2017
Indicative Review Date	November 2020
Validity	Current
Status	Original
Originating Organisation	SEMTA
Original URN	ESA11.10A
Relevant Occupations	Science and mathematics Science; Science; Engineer; Science and Engineering Technicians; Process, Plant and Machine Operatives
Suite	Explosive Substances and Articles
Keywords	Dispose, non-complex, explosives, mechanical, health and safety, statutory legislation, regulations